










POLYMER COMPOSITION**Publication number:** WO0214423**Publication date:** 2002-02-21**Inventor:** KITANO HAJIME (JP); WADA KOICHI (JP); UNO MASANARI (JP)**Applicant:** KURARAY CO (JP); KITANO HAJIME (JP); WADA KOICHI (JP); UNO MASANARI (JP)**Classification:****- international:** C08F297/04; C08K5/14; C08L23/08; C08L53/02; C08L91/00; C08F297/00; C08K5/00; C08L23/00; C08L53/00; C08L91/00; (IPC1-7): C08L23/08; C08J9/06; C08K5/14; C08L53/02**- european:** C08F297/04; C08K5/14; C08L23/08A1; C08L53/02; C08L53/02B**Application number:** WO2001JP06781 20010807**Priority number(s):** JP20000245642 20000814; JP20010073897 20010315**Also published as:** EP1312640 (A1)
 US2004092666 (A)
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 CN1246377C (C)**Cited documents:** JP10130452
 JP9137011
 EP0712892
 WO9533006
 JP2000139503
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A polymer composition obtained by dynamically crosslinking a crosslinkable polymer composition which comprises (a) a block copolymer comprising two or more vinylaromatic polymer blocks and one or more (hydrogenated) conjugated diene polymer blocks, (b) an olefin copolymer obtained from ethylene and a C4-12 alpha -olefin and having a density of 0.88 to 0.92 g/cm³, (c) a softener, and (d) an organic peroxide in respective amounts satisfying the following relationships (1) to (3): (1) $0.66 \leq W_b / W_a \leq 1$; (2) $0 \leq W_c / (W_a + W_b + W_c) \leq 0.25$; (3) $0.001 \leq W_d / (W_a + W_b + W_c) \leq 0.01$ (wherein W_a , W_b , W_c , and W_d represent the contents (by weight) of the ingredients (a), (b), (c), and (d), respectively, in the polymer composition before dynamic crosslinking).

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